Information Needed to Obtain Laser Eyewear

*Please fill in a separate sheet for **each** type of eyewear you seek.*

I. Optical density and wavelength information is essential. Please fill in the following table for the eyewear you want:

	Laser or wavelength 1	Laser or wavelength 2	Laser or wavelength 3	Laser or wavelength 4
Laser name				
Wavelength				
CW or pulsed?				
Output power (CW)				
Pulsed only				
Output energy per pulse				
Pulse duration				
Pulse repetition rate				

NOTE: Be sure to account for unexpected exposures to fundamentals/harmonics when specifying eyewear for frequency-converted lasers.

Is this laser operation covered by a Safety Plan (SP) or IWS? Yes ☐ No ☐.

If it is covered by an SP, what is the number of the SP? _____

II. User needs and preferences should be discussed with the Laser Safety Officer before ordering eyewear. The following information is needed:

A. Prescription (check one) No ☐ Single vision ☐ Bifocal ☐

B. *Goggles* or *spectacles* (check one) Goggles ☐ Spectacles ☐

C. For *spectacles*, should opaque side shields or translucent side shields that will still block the laser wavelengths will be ordered? (check one)

Opaque side shield ☐ Translucent side shield ☐

D. Do you want glass lenses or plastic lenses?

1. Glass lenses are usually heavier, but usually let through more light and are more resistant to damage when struck directly by a beam.

2. Glass lenses are used when average output ≥100 W and for prescriptions.

   (check one) Glass filters? ☐ Plastic filters? ☐

E. *For eyewear to be worn over existing glasses*: Goggle or wraparound laser eyewear can be used, but some goggles may be too small for some fashionable big-lens street spectacles. (Check one)

   Doesn't apply ☐ Prefer goggles ☐ Prefer wraparounds ☐

F. *For multiple wavelengths requiring several filter layers* (glass filters only):

1. The two filter materials can be glued together so protection is always provided against multiple wavelengths.
2. Alternatively, when exposures to one wavelength occur more frequently, the filters for the wavelength with fewer exposures can be provided as a *flip up* or *clip on*. (Check one of the following)

   Single wavelength / band only ☐ Flip up ☐ Clip on ☐ Glued together ☐

III. How many pairs do you need? _____

Figure 28C-1. Information Needed to Obtain Laser Eyewear Form.